

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2006/030359A. CLASSIFICATION OF SUBJECT MATTER  
INV. C07K7/08 A61K38/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-internal, EMBASE, BIOSIS, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/023834 A2 (DIMENSIONAL PHARM INC [US]; MACDONALD BRIAN R [US]; WEIS JEFFERY KENNE) 17 March 2005 (2005-03-17) claims 1-49 page 6, paragraphs 3,4	1-30
X	CASE B C ET AL: "The pharmacokinetics and pharmacodynamics of GW395058, a peptide agonist of the thrombopoietin receptor, in the dog, a large-animal model of chemotherapy-induced thrombocytopenia." STEM CELLS (DAYTON, OHIO) 2000, vol. 18, no. 5, 2000, pages 360-365, XP002421199 ISSN: 1066-5099 abstract the whole document	1-30

-/-

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim(s) or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principles or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

5 March 2007

Date of mailing of the international search report

15/03/2007

Name and mailing address of the ISA/

European Patent Office, P.B. 6618 Patenthaus 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-3210, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Fayos, Cécile

## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/030359

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DE SERRES M ET AL: "Pharmacokinetics and hematological effects of the PEGylated thrombopoietin peptide mimetic GW395058 in rats and monkeys after intravenous or subcutaneous administration." STEM CELLS (DAYTON, OHIO) 1999, vol. 17, no. 6, 1999, pages 316-326, XP002421200 ISSN: 1066-5099 abstract the whole document</p>	1-30
X	<p>SERRES DE M ET AL: "Immunogenicity of thrombopoietin mimetic peptide GW395058 in BALB/c mice and New Zealand white rabbits: evaluation of the potential for thrombopoietin neutralizing antibody production in man" STEM CELLS, ALPHAMED PRESS, DAYTON, OH, US, vol. 17, 1999, pages 203-209, XP002230261 ISSN: 1066-5099 abstract the whole document</p>	1-30
X	<p>KAUSHANSKY K: "Hematopoietic growth factor mimetics." ANNALS OF THE NEW YORK ACADEMY OF SCIENCES JUN 2001, vol. 938, June 2001 (2001-06), pages 131-138, XP002421201 ISSN: 0077-8923 page 135</p>	1-30
X	<p>WO 2004/026332 A (DIMENSIONAL PHARM INC [US]) 1 April 2004 (2004-04-01) claims 1-12 page 7, paragraph 3 page 11, line 13 - line 19</p>	1-30
X	<p>SINGER S C ET AL: "Pegylated thrombopoietin (TPO)-mimetic peptides bind human to TPO receptor causing proliferation and maturation of megakaryocytes in vitro" BLOOD, vol. 92, no. 10 SUPPL. 1 PART 1-2, 15 November 1993 (1998-11-15), page 568A, XP009079489 &amp; 40TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY; MIAMI BEACH, FLORIDA, USA; DECEMBER 4-8, 1998 ISSN: 0006-4971 abstract</p>	1-30
	----- -/-	

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2006/030359

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 869 451 A (DOWE WILLIAM J [US] ET AL) 9 February 1999 (1999-02-09) cited in the application sequence 19 claims 1-20	1-30

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2006/030359

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 1-30 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically.
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 8.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/030359

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2005023834	A2	17-03-2005	AU	2004270656 A1	17-03-2005
			BR	P10414008 A	24-10-2006
			CA	2537421 A1	17-03-2005
			CN	1871022 A	29-11-2006
			EP	1675606 A2	05-07-2006
			MX	PA06002292 A	04-09-2006
WO 2004026332	A	01-04-2004	AU	2003275077 A1	08-04-2004
			BR	0314591 A	09-08-2005
			CA	2499625 A1	01-04-2004
			EP	1542714 A1	22-06-2005
			HR	20050265 A2	30-06-2006
			IS	7756 A	17-03-2005
			JP	2005539082 T	22-12-2005
			KR	20050093759 A	23-09-2005
			MX	PA05003057 A	18-04-2006
			US	2005282277 A1	22-12-2005
US 5869451	A	09-02-1999	US	6251864 B1	26-06-2001